### 10/582015

# AP20 Rec'd PCT/PTO 07 JUN 2006

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yoshihisa SHIRASAKI et al.

Mail Stop: PCT

Serial No. NEW

Attorney Docket No. 2006 0638A

Filed June 7, 2006

ALPHA-KETOAMIDE DERIVATIVE, AND PRODUCTION METHOD AND USE THEREOF [Corresponding to PCT/JP2004/018692 Filed December 8, 2004]

#### **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

	[X]	each U.S. Patent and U.S. Patent application publication;				
	0	each reference previously cited in the international application PCT/; and/or				
	0	each reference previously cited in prior parent application Serial No.				
la.	[X] This Information Disclosure Statement is submitted:					
	within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or					

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. [] This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) [] the certification of paragraph 2 below is provided, or
- (2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.
- 1c. [] This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

#### 2. It is hereby certified

- a. [] that each item of information contained in this Information Disclosure

  Statement was first cited in any communication from a foreign patent office in a

  counterpart foreign application not more than three months prior to the filing of
  the Statement, or
- b. [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

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3. []	Consideration of the following list of additional information (including any copending or
	abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4.		For each non-English language reference listed on the attached form PTO-1449, reference is made to:					
	a.	[]	a full or partial English language translation submitted herewith,				
	b.		a foreign patent office search report (in the English language) submitted herewith,				
	c.	[]	the concise explanation contained in the specification of the present application at page,				
	d.	[]	the concise explanation set forth in the attached English language abstract,				
	e.	[]	the concise explanation set forth below or on a separate sheet attached to the reference:				

5. [X] A foreign patent office search report citing one or more of the references is enclosed along with the Written Opinion.

Respectfully submitted,

Yoshihisa SHIRASAKI et al.

By Warren M. Cheek, Jr.

Registration No. 33,367

Attorney for Applicants

WMC/dlk Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 June 7, 2006

INFORMATION DISCLOSURE STATEMENT OPETIPTO 07 JUN 2006 Sheet 1 of 3 5009582015 FORM PTO 1449 (modified) ATTY DOCKET NO. 2006\_0638A U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **APPLICANT** LIST OF REFERENCES CITED BY APPLICANT(S) Yoshihisa SHIRASAKI et al. (Use several sheets if necessary) **FILING DATE GROUP** Date Submitted to PTO: June 7, 2006 June 7, 2006 U.S. PATENT DOCUMENTS \*EXAMINER **DOCUMENT** DATE NAME CLASS SUBCLASS FILING DATE IF INITIAL NUMBER APPROPRIATE AA 5,541,290 7/1996 Harbeson et al. AΒ 5,650,508 7/1997 **Powers** AC 6,150,378 11/2000 Chatterjee et al. AD 5,763,576 6/1998 **Powers** ΑE 5,610,297 3/1997 Powers FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUBCLASS TRANSLATION **NUMBER** YES 98/50065 AF 11/1998 WO Abstract AG 94/00095 1/9994 WO AH 92/12140 7/1992 WO ΑI 02/078670 10/2002 WO AJ OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) ΑK S. L. Harbeson et al., "Stereospecific Synthesis of Peptidyl α-Keto Amides as Inhibitors of Calpain", J. Med. Chem., Vol. 37, No. 18, pp. 2918-2929, 1994. ΑL E. Caba et al., "Peptideyl α-Keto Amide Inhibitor of Calpain Blocks Excitotoxic Damage without Affecting Signal Transduction Events", Journal of Neuroscience Research, Vol. 67, No. 6, pp. 787-794, 2002. AM K. A. Josef et al., "Potent Peptide α-Ketohydroxamate Inhibitors of Recombinant Human Calpain I", Bioorganic & Medicinal Chemistry Letters, Vol. 11, No. 19, pp. 2615-2617, 2001. I. O. Donkor et al., "Significance of Hydrogen Bonding at the S<sub>1</sub>' Subsite of Calpain I", Bioorganic & Medicinal AN Chemistry Letters, Vol. 11, No. 13, pp. 1753-1755, 2001. AO R. L. DeBiasi et al., "Calpain Inhibition Protects against Virus-Induced Apoptotic Myocardial Injury", Journal of Virology, Vol. 75, No. 1, pp. 351-361, January 2001. **EXAMINER** DATE CONSIDERED

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy this form with next communication to applicant.

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